

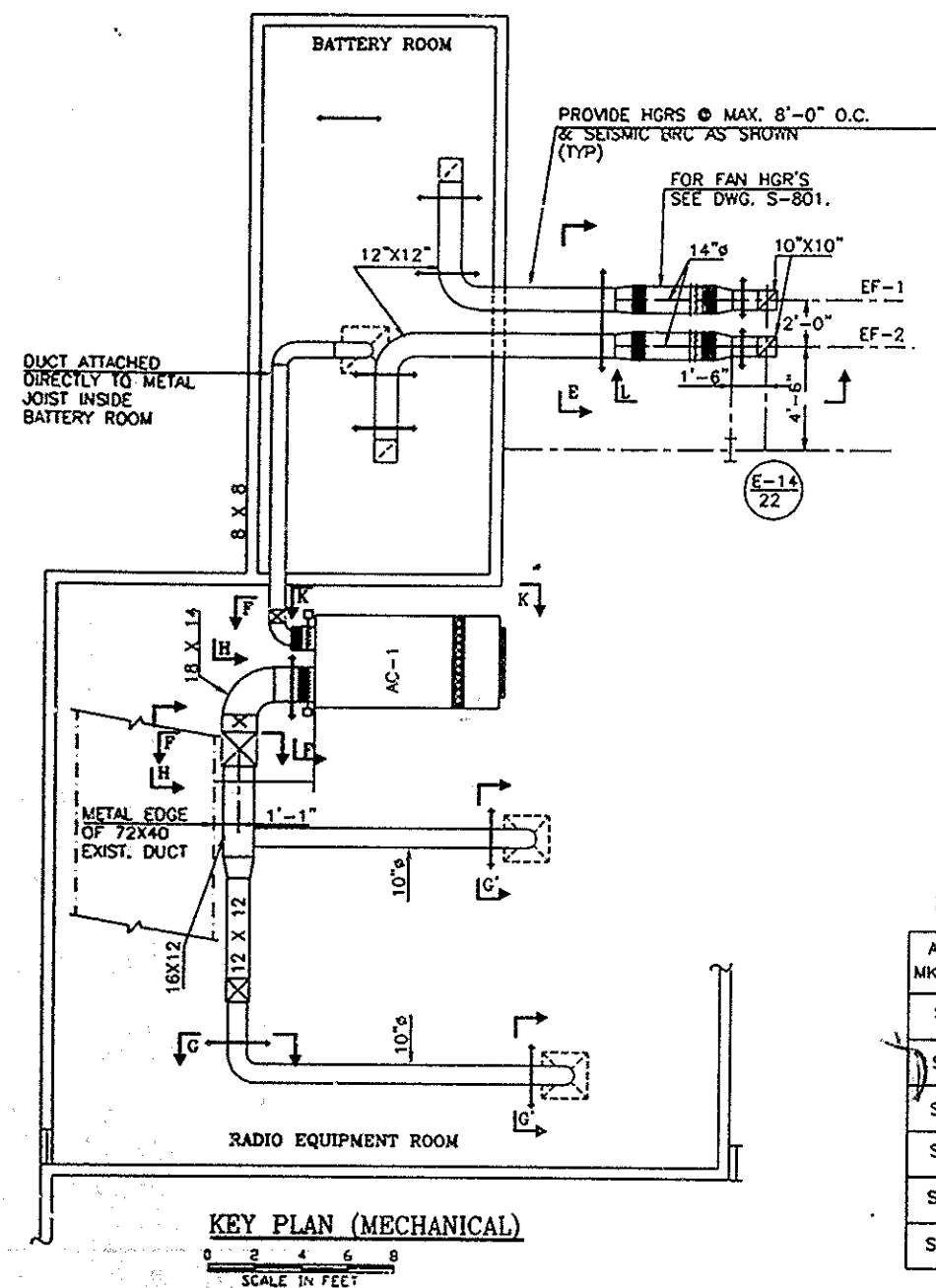
THE PORT AUTHORITY
OF NY & NJ



ORIGINAL SIGNED & SEALED BY
N.Y. P.E. (OR E.A.)

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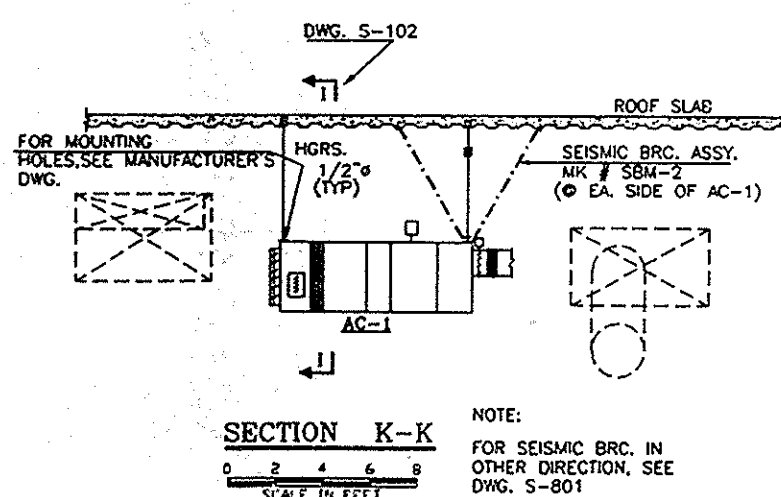


SEISMIC BRACING TABLE

ASSEMBLY MK # (200)	LOCATION	DIMENSIONS			LOOS & CO. MODEL #
		A	L	HANGER DIA	
SBM-1	EXHAUST FAN EF-1 & EF-2	3'-10"	5'-0"	3/8"	A
SBM-2	AIR HANDLER AC-1	5'-0"	6'-3"	1/2"	A
SBM-3	CONDENSER	3'-10"	5'-6"	1/2"	A
SBD-1	EXHAUST DUCT	3'-4"	4'-4"	3/8"	A
SBD-2	SUPPLY DUCT	4'-6"	6'-8"	3/8"	A
SBD-3	SUPPLY DUCT	5'-9"	7'-3"	3/8"	A

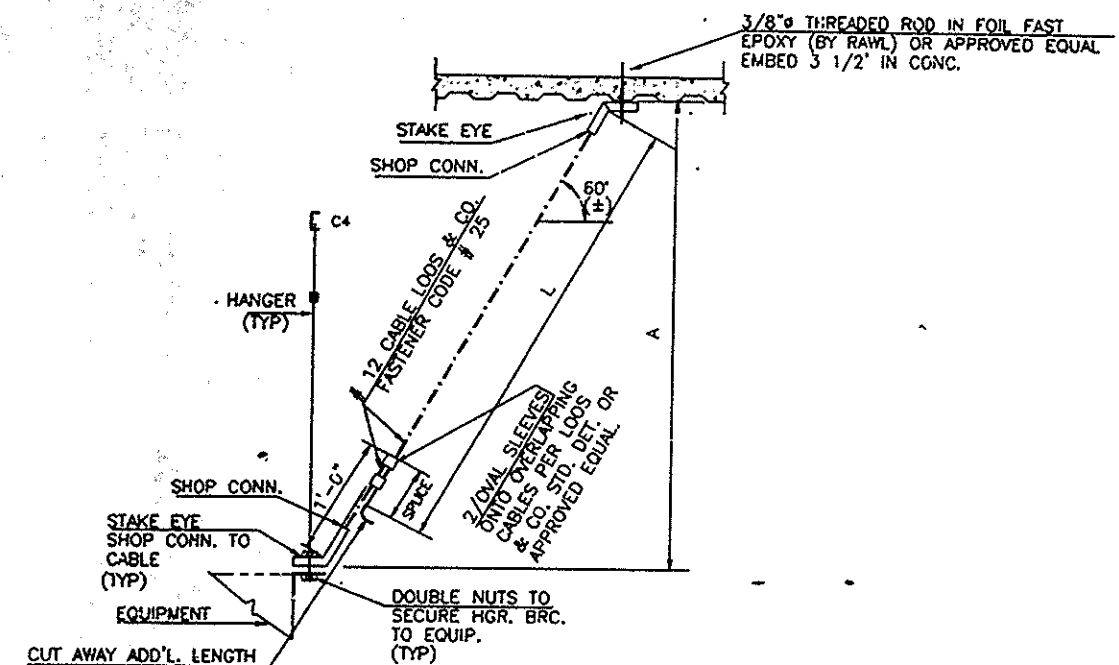
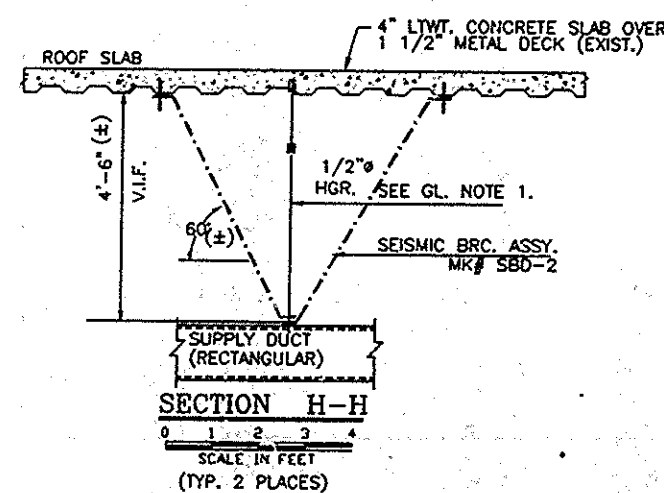
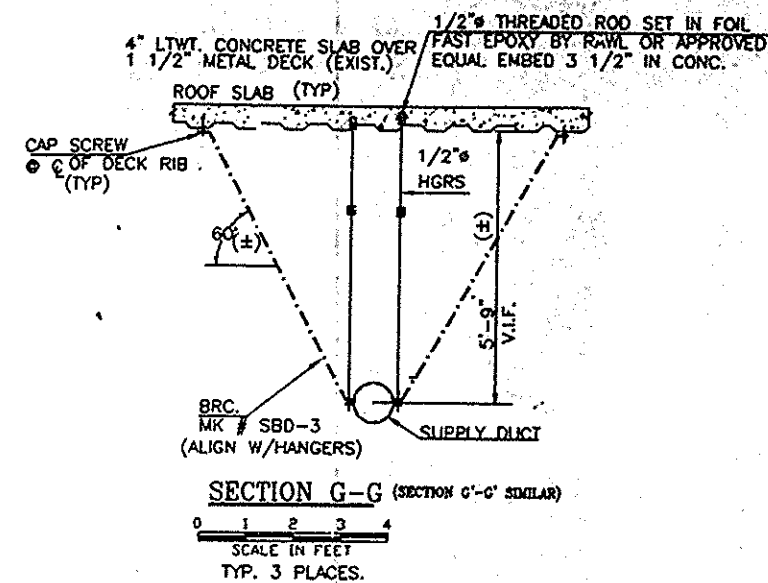
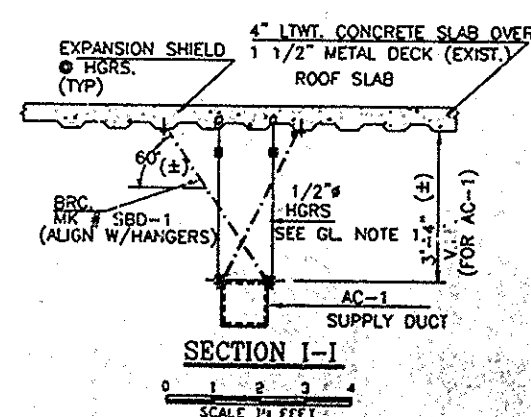
NOTE:

1. ADDITIONAL LENGTH OF CABLE HAS BEEN ALLOWED IN DIM. "L" TO PROVIDE FLEXIBILITY OF INSTALLATION. EXTRA LENGTHS SHALL BE CUT OFF AT SITE AFTER INSTALLATION IS COMPLETE.
2. FOR LOCATIONS OF BRACING, SEE KEY PLAN (MECHANICAL).
3. BRACING MAY BE ROTATED IN PLAN VIEW BY A MAXIMUM ANGLE OF (±) 22.5° TO AVOID INTERFERENCE.
4. ALL CABLE BRC'S ARE BASED ON PRODUCTS OF LOOS & CO., NAPLES, FL. APPROVED SUBSTITUTIONS ARE PERMISSIBLE.

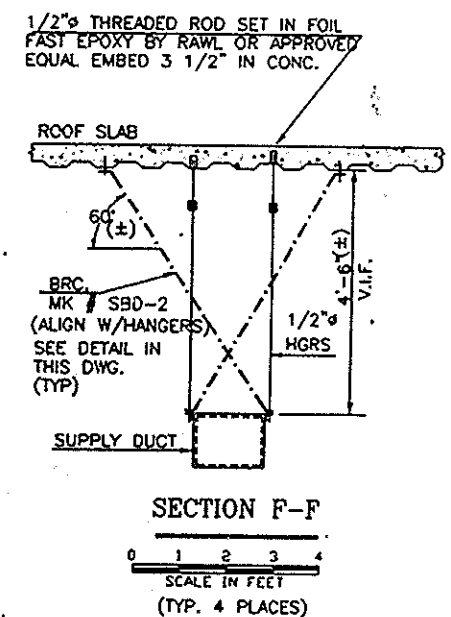


NOTE:

FOR SEISMIC BRC. IN
OTHER DIRECTION, SEE
DWG. S-801



DETAILS OF BRACING CABLE
N.T.S.



GENERAL NOTES:

1. HANGERS & BRACINGS SHOWN ARE FOR SEISMIC SUPPORT AT INDICATED LOCATIONS.
2. ADDITIONAL HANGERS FOR DUCTS (GRAVITY SUPPORT) @ 8'-0" MAX. SPACING, WITHOUT SEISMIC BRS. SHALL BE PROVIDED.
3. ALL CABLES & ATTACHMENTS ARE REFERRED TO LOOS & CO'S IDENTIFYING NUMBERS.
4. ENGINEER APPROVED EQUAL MAY BE SUBSTITUTED FOR THOSE SPECIFIED HEREIN.
5. FOR FURTHER SEISMIC BRACINGS FOR EQUIPMENT AC-1, EF-1 & 2. SEE DWG. S-801 & S-802.
6. FOR LOCATIONS OF SEISMIC BRACING ON ELECTRICAL CABLE TRAYS & PENDENT TYPE LIGHTS, SEE DWG. S-804.
7. READ THIS DWG. IN CONJUNCTION WITH DWG'S S-801, S-802 & S-803.
8. DO NOT CUT REBARS WHILE DRILLING CONCRETE.
9. ALL CONCRETE ANCHORS SHALL BE PROVIDED WITH NUTS & WASHERS AS REQUIRED.

I HEREBY CERTIFY THAT THIS IS A TRUE AND CORRECT COPY OF ONE OF THE CONTRACT DRAWINGS OF THE STRUCTURE A PART OF CONTRACT NO. 172-945-071 IN THE FORM IN WHICH SAID DRAWINGS EXISTED AT THE TIME THE SAID CONTRACT WAS EXECUTED BY THE PARTIES.
DATE 1/16/98 *William A. Nelson*
DATE 4/16/98 *F. L. Nelson*
ENGINEER OF DESIGN

No.	Date	Revision	Approved

The
World
Trade
Center

STANDBY POWER
5 WORLD TRADE CENTER

COMMUNICATIONS
SEISMIC BRACING
FOR MECHANICAL EQUIPMENT
& DUCTS

This drawing subject to conditions in contract. All inventions, ideas, designs and methods herein are reserved to Port Authority and may not be used without its written consent.

AS S.C. AS
Designed by Drawn by Checked by
Date Scale AS NOTED
Contract Number Drawing Number
WTC-945.071 S-803